

Amendments to the Claims:

Please cancel claims 1-42.

43. (New) An electronic connector for use with an electrical connection device, the electronic connector comprising:

at least one first conductor providing an interface with the electrical connection device, the at least one first conductor having a shape that provides a predetermined capacitive and inductive balance in the electrical connector and further comprising at least one integrally formed compliant pin, each of the conductors comprising a bent portion that provides the interface with the electrical connection device, a contact point at the compliant pin opposite the bent portion, and at least one compensation section disposed between the bent portion and the contact point;

a conductor support device to support the at least one first conductor;

a housing defining a contact connecting portion to house the conductor support device;

a connecting device connected to the at least one compliant pin at the contact point;

at least one second conductor having a contact portion and a bifurcated portion, the at least one second conductor being connected to the connecting device at the contact portion;

a rear sled portion having at least one slot to receive the bifurcated portion of the at least one second conductor, the rear sled being engageable with the housing; and

a wire containment fixture to position at least one wire for engagement with the bifurcated portion of the at least one second conductor, the wire containment feature being engageable with the rear sled, the wire containment feature further including a stepped portion to prevent a portion of the at least one wire from extending into the electronic connector beyond a desired position.

44. (New) The electronic connector of claim 43, wherein said connecting device connected to the at least one compliant pin at the contact points is a printed circuit board.

45. (New) The electronic connector of claim 44 wherein said printed circuit board comprises a top layer, a bottom layer, and at least one inner layer.

46. (New) The electronic connector of claim 44 wherein said housing has a front opening for receiving said electrical connection device and said printed circuit board is substantially parallel to a plane of said front opening.
47. (New) The electronic connector of claim 43, wherein the shape of the at least one first conductor compensates for at least one of a capacitive and inductive imbalance.
48. (New) The electronic connector of claim 43, wherein the plurality of compliant pins are formed in at least one layer.
49. (New) The electronic connector of claim 43, wherein the contact points are arranged in parallel rows.
50. (New) The electronic connector of claim 48, wherein the at least one layer comprises at least two layers, and the shape of the at least one first conductor may be changed to provide the desired electrical characteristics by altering a distance between the at least two layers.
51. (New) The electronic connector of claim 43, wherein the shape of the at least one first conductor may be changed to provide the desired electrical characteristics by altering a distance between the at least two compensation sections.
52. (New) The electronic connector according to claim 48, wherein the at least one layer comprises at least two layers, the at least one compensation section comprises at least two compensation sections, and the shape of the at least one first conductor may be changed to provide the desired electrical characteristics by altering a distance between the at least two layers and the at least two compensation sections.
53. (New) The electronic connector of claim 43, wherein the shape of the at least one first conductor reduces at least one of near-end crosstalk, far-end crosstalk, return loss, and insertion loss.

54. (New) The electronic connector of claim 43, wherein the connecting device reduces at least one of a capacitive and an inductive imbalance.
55. (New) The electronic connector of claim 43, wherein the connecting device reduces at least one of near-end crosstalk, far-end crosstalk, return loss, and insertion loss.
56. (New) The electronic connector of claim 43, wherein the connecting device comprises at least three layers, including outer layers containing a plurality of conductive traces that interconnect the at least one first conductor and the at least one second conductor.
57. (New) The electronic connector of claim 43, wherein the at least one second conductor reduces at least one of a capacitive and an inductive imbalance.
58. (New) The electronic connector of claim 43, wherein the rear sled portion is connected to the housing by at least one of a hoop snap and a stirrup snap.
59. (New) The electronic connector of claim 43, wherein the bent portion reduces an amount of crosstalk.
60. (New) The electronic connector of claim 43, further comprising a straight portion extending from the bent portion, the straight portion extending away from the bent portion at an angle.
61. (New) The electronic connector of claim 60, wherein the straight portion reduces an amount of crosstalk.
62. (New) The electronic connector of claim 43, further comprising a transition area being located between the bent portion and the at least one compensation section.
63. (New) An electronic connector for use with an electrical connection device, the electronic connector comprising:

at least one first conductor providing an interface with the electrical connection device, the at least one first conductor having a shape that provides a predetermined capacitive and inductive balance in the electrical connector;

a conductor support device to support the at least one first conductor;

a housing defining a contact connection portion to house the conductor support device; and

a wire containment fixture to position at least one wire in the electronic connector, said wire containment fixture having a stepped portion to prevent a portion of the at least one wire from extending into the electronic connector beyond a desired position.

64. (New) The electronic connector of claim 63, wherein said at least one first conductor comprises an integral compliant pin.

65. (New) The electronic connector of claim 64, further comprising a printed circuit board into which the integral compliant pin is inserted.

66. (New) The electronic connector of claim 65, further comprising a front opening for accepting said electrical connection device, said printed circuit board being substantially parallel to a plane of said front opening.

67. (New) The electronic connector of claim 63 wherein the shape of the at least one first conductor reduces at least one of near-end crosstalk, far-end crosstalk, return loss, and insertion loss.